



20
Soloman's Is. Rd
D 3-2
16' x Var.

21
ONLY

15
Old Field Lane →
D 3-2
16' x Var.

R 3-5(L)
30' x 36'

16,17
← Old Field LN
D 3-2
16" x Vgr.

3, 4, 7, 8, 13

R
Y
G

12°

9
R
Y
G
8*

1, 2, 5, 6
R
Y
G
12*

12
R
Y
G
12*

10, 1
R
Y
G
12*

PHASES ASSOCIATED BY A DASHED LINE MAY/WILL OPERATE CONCURRENTLY
PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY

A	24' - 1" - TELEPHONE
	31' - 0" - NEUTRAL
	+35' - 0" - PRIMARY

SHIELD
ASSEMBLY
36" x 75"



SHIELD
ASSEMBLY
24" x 51"

- A. Install 27 ft. steel mast arm pole with a 60 ft. mast arm, signal heads and signs (Note: one 3 in. PVC conduit bend).
- B. Adjust existing handhole to proposed grade.
- C. Install 1 in. liquid tight flexible conduit for loop detector lead-in.
- D. Install 3 in. polyvinyl chloride [Schedule 80] electrical conduit - trenched.
- E. Install 6 ft. x 30 ft. quadrupole type vehicle loop detector encased in 1/4 in. flexible tubing.
- F. Remove existing signs
- G. Install 24 in. wide pavement marking - white for stop line.
- H. Install signal heads and signs on existing mast arm.
- J. Install signal heads and sign on existing mast arm.
- K. Install arrow and only pavement markings (see table).
- L. Use existing handhole.
- M. Use existing conduit.
- N. Install 4-channel loop detector amplifier in existing base mounted cabinet.
- O. Remove existing pavement markings.
- P. Install 1" galvanized steel conduit (detector wire sleeve)
- Q. Install 5" white pavement marking line


1. Geometrics shall be confirmed prior to the installation of all signal equipment. All proposed signal equipment shall be installed at final grade.
2. Loop detectors and conduits shall be installed prior to the installation of pavement markings.
3. Pavement markings detailed are proposed and are to be installed by the Contractor in accordance with S.H.A. standards. All other pavement markings will be installed as part of the highway contract.
4. All underground and overhead utilities shown on these plans are schematic and are not to be considered complete. The Contractor shall be responsible for notifying all utility companies prior to construction so that all utilities may be located in the field. If the Contractor perceives that a conflict between the utilities and the traffic signal equipment will occur, the Contractor shall notify the appropriate Project Engineer immediately.

LANE DROP SIGNING AND MARKING LOCATION TABLE	
TRAFFIC CONTROL DEVICE	DISTANCE FROM STOPLINE
LEFT ARROW	50'
ONLY	90'
LEFT ARROW	130'

SHOPPING CENTER
ENTRANCE

REVISIONS		APPROVALS	
		<div style="position: relative; height: 100px;"> <div style="position: absolute; top: 0; right: 0; transform: rotate(45deg); font-size: 48px; color: red; opacity: 0.5;"> Original on File </div> </div>	
		TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION	
		ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION	
		CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION	
8-30-00 ADD WEST LEG TO INTERSECTION			
TMZ	 	DIRECTOR, TRAFFIC & SAFETY	



 MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
TRAFFIC SIGNALIZATION
MD 2/4 AND OLD FIELD LANE

DRAWN BY: C. Pryseski
CHECKED BY: M. R. 9.24.00
SCALE: 1" = 20'
DATE: 8-16-99

F.A.P. NO.	
S.H.A. NO.	
COUNTY:	Calvert
LOG MILE:	04002019.56

TS NO. 3921 A	SHEET NO.
T.I.M.S. NO. D-758	1 OF 2